ELSEVIER

Toxicology 177 (2002) 299

TOXICOLOGY

www.elsevier.com/locate/toxicol

Author index of volume 177

Atsumi, T. **177**, 39

Balagué, C.E. **177**, 143
Bolton, J.L. **177**, 55
Buszewicz, G. **177**, 207

Castranova, V. **177**, 285
Chang, H.-L. **177**, 123
Chan, T.-F. **177**, 123
Chan, W.-L. **177**, 245
Choi, K.H. **177**, 157
Cho, M.-H. **177**, 253
Chung, M.W. **177**, 157
Chung, S.Y. **177**, 157
Cohen, M.F. **177**, 67

Darnerud, P.O. **177**, 227
Davies, M.J. **177**, 23
Dawson, D.A. **177**, 267
Dean, R.T. **177**, 23
de Duffard, A.M.E. **177**, 143
de Ruiz, C.S. **177**, 143

Fang, M.-Z. **177**, 253
Flora, S.J.S. **177**, 187
Frazer, D.G. **177**, 285
Fujisawa, S. **177**, 39
Furusato, M. **177**, 197

Galati, G. **177**, 93
Goldsmith, T. **177**, 285
Gordon, C.J. **177**, 215
Grace, S.C. **177**, 67
Gunther, M.R. **177**, 1
Gustavson, K.E. **177**, 131

Hallgren, S. **177**, 227
Hano, H. **177**, 197
Harkin, J.M. **177**, 131
Hecker, H. **177**, 167
Heinecke, J.W. **177**, 11
Hou, M.-F. **177**, 123
Huang, H. **177**, 245
Hwang, O. **177**, 157

Imano, N. **177**, 197

Jeong, W. **177**, 157
Johannisson, R. **177**, 167

Kadoma, Y. **177**, 39
Kagan, V.E. **177**, 107
Kang, J.-H. **177**, 157
Kao, Y.-H. **177**, 123
Kassa, J. **177**, 179
Kim, D.S. **177**, 157
Kim, J.-i. **177**, 157
Kisin, E. **177**, 285
Koch, E. **177**, 167
Kommineni, C. **177**, 285

Lee, S.Y. **177**, 157
Lim, H.-K. **177**, 157

Madro, R. **177**, 207
Mar, W. **177**, 253
Masaoka, T. **177**, 197
Mason, R.P. **177**, 1
Matsura, T. **177**, 107
Modriansky, M. **177**, 107
Murray, A. **177**, 285
Muto, T. **177**, 197

Nader-Macias, M.E. **177**, 143
Nakaaki, K. **177**, 197

O'Brien, P.J. **177**, 81, 93

Padnos, B.K. **177**, 215
Pande, M. **177**, 187
Park, C.-S. **177**, 157
Park, I.-S. **177**, 157
Park, Y. **177**, 157
Pattison, D.I. **177**, 23
Pöch, G. **177**, 267

Read, H.W. **177**, 131
Reynolds, J.S. **177**, 285
Rey, R. **177**, 143
Rinaldi, A.C. **177**, 267

Sabzevari, O. **177**, 93
Sakagami, H. **177**, 39
Sakihama, Y. **177**, 67
Shvedova, A.A. **177**, 107, 285
Siegers, C.-P. **177**, 167
Siraki, A.G. **177**, 81
Sturgeon, B.E. **177**, 1
Su, J.-H. **177**, 123

Takahashi, H. **177**, 197
Tam, S.-C. **177**, 245
Tyurina, Y.Y. **177**, 107
Tyurin, V.A. **177**, 107

Vachek, J. **177**, 179

Wakui, S. **177**, 197
Wilson, J.X. **177**, 93
Wu, Y.-C. **177**, 123

Yalowich, J.C. **177**, 107
Yamasaki, H. **177**, 67
Yuan, S.-S.F. **177**, 123

Zheng, Y.-T. **177**, 245

PII: S0300-483X(02)00343-8

ELSEVIER

Toxicology 177 (2002) 301–304

TOXICOLOGY

www.elsevier.com/locate/toxicol

Subject index of volume 177

Active oxygens; Antioxidant; Oxidative damage; Phenoxyl radical; Plant polyphenol; Prooxidant **177**, 67

Alkylphenols; *Ginkgo biloba* L.; Cytotoxicity; Electron microscopy; Apoptosis; Myelinosomes; Mitochondrial damage; Uncoupled oxidative phosphorylation **177**, 167

Aminoacetonitrile; 4-Butylamino-5-methyl-*o*-quinone; β-Aminopropionitrile; Semicarbazide; Thiosemicarbazide; *Xenopus* **177**, 267

β-Aminopropionitrile; 4-Butylamino-5-methyl-*o*-quinone; Aminoacetonitrile; Semicarbazide; Thiosemicarbazide; *Xenopus* **177**, 267

Antiestrogen; Estrogen; Catechol; *o*-quinone; Semiquinone radical; Phenoxyl radical **177**, 55

Antioxidant; Active oxygens; Oxidative damage; Phenoxyl radical; Plant polyphenol; Prooxidant **177**, 67

Antioxidant; Lead poisoning; Oxidative stress; Lipoic acid; Chelation; Succimers; Combined administration **177**, 187

Antioxidant; Lipid oxidation; Radical scavenger; Colchicine metabolites; Parinaric acid; Etoposide **177**, 107

Apoptosis; *Ginkgo biloba* L.; Alkylphenols; Cytotoxicity; Electron microscopy; Myelinosomes; Mitochondrial damage; Uncoupled oxidative phosphorylation **177**, 167

Ascorbic acid; Phenols; Serotonin; Catecholamines; NADH; Oxidative stress **177**, 81

Atherosclerosis; Dityrosine; Neutrophils; Oxidized LDL; Oxidative stress; Phenoxyl radical **177**, 11

Atropine; Tabun; Pyridostigmine; PANPAL; HI-6; Obidoxime; Diazepam; Rats; Mice **177**, 179

4-Butylamino-5-methyl-*o*-quinone; β-Aminopropionitrile; Aminoacetonitrile; Semicarbazide; Thiosemicarbazide; *Xenopus* **177**, 267

Cadmium; *N*-methyl-*N'*-nitro-*N*-nitrosoguanidine; Cell transformation; Growth regulation **177**, 253

Catecholamines; Phenols; Serotonin; Ascorbic acid; NADH; Oxidative stress **177**, 81

Catechol; Estrogen; Antiestrogen; *o*-quinone; Semiquinone radical; Phenoxyl radical **177**, 55

Catechols; DOPA (3,4-dihydroxyphenylalanine); Dopamine; Semiquinones; DNA damage; Protein oxidation; Lipid peroxidation **177**, 23

CATH.a; Polychlorinated biphenyls; Neurotoxicity; Nitric oxide; Dopamine **177**, 157

Cell cycle; DNA double-strand breaks; Neocarzinostatin; Phosphorylation; Nuclear focus formation **177**, 123

Cell transformation; Cadmium; *N*-methyl-*N'*-nitro-*N*-nitrosoguanidine; Growth regulation **177**, 253

Chelation; Lead poisoning; Oxidative stress; Antioxidant; Lipoic acid; Succimers; Combined administration **177**, 187

Chlorinated paraffins (CPs); Polybrominated diphenyl ethers (PBDEs); Polychlorinated biphenyls (PCBs); Thyroid hormones; Microsomal enzymes **177**, 227

Colchicine metabolites; Lipid oxidation; Antioxidant; Radical scavenger; Parinaric acid; Etoposide **177**, 107

Combined administration; Lead poisoning; Oxidative stress; Antioxidant; Lipoic acid; Chelation; Succimers **177**, 187

Core temperature; Telemetry; Motor activity; Organophosphate **177**, 215

Cyclic ketones; Ethanol metabolism in vitro; Reoxidation of NADH **177**, 207

Cytotoxicity; *Ginkgo biloba* L.; Alkylphenols; Electron microscopy; Apoptosis; Myelinosomes; Mitochondrial damage; Uncoupled oxidative phosphorylation **177**, 167

PII: S0300-483X(02)00344-X

Cytotoxicity; Trichosanthin; Endocytosis; LDL receptor-related protein/α_2-macroglobulin receptor; Ribosome-inactivating protein **177**, 245

Diazepam; Tabun; Pyridostigmine; PANPAL; HI-6; Atropine; Obidoxime; Rats; Mice **177**, 179

2,4-Dichlorophenoxyacetic acid; Herbicide; Urinary tract infection; *Escherichia coli*; Virulence factors; Kidney toxicity **177**, 143

Differentiation; 3,3',4,4',5-Pentachlorobiphenyl; Mammary gland; Rats **177**, 197

Dityrosine; Neutrophils; Oxidized LDL; Oxidative stress; Atherosclerosis; Phenoxyl radical **177**, 11

DNA damage; DOPA (3,4-dihydroxyphenylalanine); Dopamine; Catechols; Semiquinones; Protein oxidation; Lipid peroxidation **177**, 23

DNA double-strand breaks; Neocarzinostatin; Phosphorylation; Nuclear focus formation; Cell cycle **177**, 123

DOPA (3,4-dihydroxyphenylalanine); Dopamine; Catechols; Semiquinones; DNA damage; Protein oxidation; Lipid peroxidation **177**, 23

Dopamine; DOPA (3,4-dihydroxyphenylalanine); Catechols; Semiquinones; DNA damage; Protein oxidation; Lipid peroxidation **177**, 23

Dopamine; Polychlorinated biphenyls; Neurotoxicity; Nitric oxide; CATH.a **177**, 157

Electron microscopy; *Ginkgo biloba* L.; Alkylphenols; Cytotoxicity; Apoptosis; Myelinosomes; Mitochondrial damage; Uncoupled oxidative phosphorylation **177**, 167

Endocytosis; Trichosanthin; Cytotoxicity; LDL receptor-related protein/α_2-macroglobulin receptor; Ribosome-inactivating protein **177**, 245

Escherichia coli; 2,4-Dichlorophenoxyacetic acid; Herbicide; Urinary tract infection; Virulence factors; Kidney toxicity **177**, 143

Estrogen; Antiestrogen; Catechol; *o*-quinone; Semiquinone radical; Phenoxyl radical **177**, 55

Ethanol metabolism in vitro; Cyclic ketones; Reoxidation of NADH **177**, 207

Etoposide; Lipid oxidation; Antioxidant; Radical scavenger; Colchicine metabolites; Parinaric acid **177**, 107

Flavonoids; Polyphenolics; Phenoxyl radicals; Peroxidase; Prooxidant; Oxidative stress **177**, 93

***Ginkgo biloba* L.**; Alkylphenols; Cytotoxicity; Electron microscopy; Apoptosis; Myelinosomes; Mitochondrial damage; Uncoupled oxidative phosphorylation **177**, 167

Growth regulation; Cadmium; *N*-methyl-*N'*-nitro-*N*-nitrosoguanidine; Cell transformation **177**, 253

GSH; Metal working fluid; Oxidative stress; Vitamin E; Lung **177**, 285

Herbicide; 2,4-Dichlorophenoxyacetic acid; Urinary tract infection; *Escherichia coli*; Virulence factors; Kidney toxicity **177**, 143

HI-6; Tabun; Pyridostigmine; PANPAL; Atropine; Obidoxime; Diazepam; Rats; Mice **177**, 179

Human cell; In vitro; Submitochondrial particle; Toxicity; MEIC **177**, 131

In vitro; Submitochondrial particle; Toxicity; MEIC; Human cell **177**, 131

Kidney toxicity; 2,4-Dichlorophenoxyacetic acid; Herbicide; Urinary tract infection; *Escherichia coli*; Virulence factors **177**, 143

LDL receptor-related protein/α_2-macroglobulin receptor; Trichosanthin; Endocytosis; Cytotoxicity; Ribosome-inactivating protein **177**, 245

Lead poisoning; Oxidative stress; Antioxidant; Lipoic acid; Chelation; Succimers; Combined administration **177**, 187

Lipid oxidation; Antioxidant; Radical scavenger; Colchicine metabolites; Parinaric acid; Etoposide **177**, 107

Lipid peroxidation; DOPA (3,4-dihydroxyphenylalanine); Dopamine; Catechols; Semiquinones; DNA damage; Protein oxidation **177**, 23

Lipoic acid; Lead poisoning; Oxidative stress; Antioxidant; Chelation; Succimers; Combined administration **177**, 187

Lung; Metal working fluid; Oxidative stress; GSH; Vitamin E **177**, 285

Mammary gland; 3,3',4,4',5-Pentachlorobiphenyl; Differentiation; Rats **177**, 197

MEIC; In vitro; Submitochondrial particle; Toxicity; Human cell **177**, 131

Metal working fluid; Oxidative stress; GSH; Vitamin E; Lung **177**, 285

Methoxyphenol; Rreactive oxygen species; Phenoxyl radicals **177**, 39

Mice; Tabun; Pyridostigmine; PANPAL; HI-6; Atropine; Obidoxime; Diazepam; Rats **177**, 179

Microsomal enzymes; Polybrominated diphenyl ethers (PBDEs); Polychlorinated biphenyls (PCBs); Chlorinated paraffins (CPs); Thyroid hormones **177**, 227

Mitochondrial damage; *Ginkgo biloba* L.; Alkylphenols; Cytotoxicity; Electron microscopy; Apoptosis; Myelinosomes; Uncoupled oxidative phosphorylation **177**, 167

Motor activity; Telemetry; Core temperature; Organophosphate **177**, 215

Myelinosomes; *Ginkgo biloba* L.; Alkylphenols; Cytotoxicity; Electron microscopy; Apoptosis; Mitochondrial damage; Uncoupled oxidative phosphorylation **177**, 167

NADH; Phenols; Serotonin; Catecholamines; Ascorbic acid; Oxidative stress **177**, 81

Neocarzinostatin; DNA double-strand breaks; Phosphorylation; Nuclear focus formation; Cell cycle **177**, 123

Neurotoxicity; Polychlorinated biphenyls; Nitric oxide; Dopamine; CATH.a **177**, 157

Neutrophils; Dityrosine; Oxidized LDL; Oxidative stress; Atherosclerosis; Phenoxyl radical **177**, 11

Nitric oxide; Polychlorinated biphenyls; Neurotoxicity; Dopamine; CATH.a **177**, 157

Nitric oxide; Vasodilation; Tyrosyl radical-chemistry **177**, 1

***N*-methyl-*N'*-nitro-*N*-nitrosoguanidine**; Cadmium; Cell transformation; Growth regulation **177**, 253

Nuclear focus formation; DNA double-strand breaks; Neocarzinostatin; Phosphorylation; Cell cycle **177**, 123

Obidoxime; Tabun; Pyridostigmine; PANPAL; HI-6; Atropine; Diazepam; Rats; Mice **177**, 179

***o*-quinone**; Estrogen; Antiestrogen; Catechol; Semiquinone radical; Phenoxyl radical **177**, 55

Organophosphate; Telemetry; Core temperature; Motor activity **177**, 215

Oxidative damage; Active oxygens; Antioxidant; Phenoxyl radical; Plant polyphenol; Prooxidant **177**, 67

Oxidative stress; Dityrosine; Neutrophils; Oxidized LDL; Atherosclerosis; Phenoxyl radical **177**, 11

Oxidative stress; Flavonoids; Polyphenolics; Phenoxyl radicals; Peroxidase; Prooxidant **177**, 93

Oxidative stress; Lead poisoning; Antioxidant; Lipoic acid; Chelation; Succimers; Combined administration **177**, 187

Oxidative stress; Metal working fluid; GSH; Vitamin E; Lung **177**, 285

Oxidative stress; Phenols; Serotonin; Catecholamines; Ascorbic acid; NADH **177**, 81

Oxidized LDL; Dityrosine; Neutrophils; Oxidative stress; Atherosclerosis; Phenoxyl radical **177**, 11

PANPAL; Tabun; Pyridostigmine; HI-6; Atropine; Obidoxime; Diazepam; Rats; Mice **177**, 179

Parinaric acid; Lipid oxidation; Antioxidant; Radical scavenger; Colchicine metabolites; Etoposide **177**, 107

3,3',4,4',5-Pentachlorobiphenyl; Mammary gland; Differentiation; Rats **177**, 197

Peroxidase; Flavonoids; Polyphenolics; Phenoxyl radicals; Prooxidant; Oxidative stress **177**, 93

Phenols; Serotonin; Catecholamines; Ascorbic acid; NADH; Oxidative stress **177**, 81

Phenoxyl radical; Active oxygens; Antioxidant; Oxidative damage; Plant polyphenol; Prooxidant **177**, 67

Phenoxyl radical; Dityrosine; Neutrophils; Oxidized LDL; Oxidative stress; Atherosclerosis **177**, 11

Phenoxyl radical; Estrogen; Antiestrogen; Catechol; *o*-quinone; Semiquinone radical **177**, 55

Phenoxyl radicals; Flavonoids; Polyphenolics; Peroxidase; Prooxidant; Oxidative stress **177**, 93

Phenoxyl radicals; Rreactive oxygen species; Methoxyphenol **177**, 39

Phosphorylation; DNA double-strand breaks; Neocarzinostatin; Nuclear focus formation; Cell cycle **177**, 123

Plant polyphenol; Active oxygens; Antioxidant; Oxidative damage; Phenoxyl radical; Prooxidant **177**, 67

Polybrominated diphenyl ethers (PBDEs); Polychlorinated biphenyls (PCBs); Chlorinated paraffins (CPs); Thyroid hormones; Microsomal enzymes **177**, 227

Polychlorinated biphenyls; Neurotoxicity; Nitric oxide; Dopamine; CATH.a **177**, 157

Polychlorinated biphenyls (PCBs); Polybrominated diphenyl ethers (PBDEs); Chlorinated paraffins (CPs); Thyroid hormones; Microsomal enzymes **177**, 227

Polyphenolics; Flavonoids; Phenoxyl radicals; Peroxidase; Prooxidant; Oxidative stress **177**, 93

Prooxidant; Active oxygens; Antioxidant; Oxidative damage; Phenoxyl radical; Plant polyphenol **177**, 67

Prooxidant; Flavonoids; Polyphenolics; Phenoxyl radicals; Peroxidase; Oxidative stress **177**, 93

Protein oxidation; DOPA (3,4-dihydroxyphenylalanine); Dopamine; Catechols; Semiquinones; DNA damage; Lipid peroxidation **177**, 23

Pyridostigmine; Tabun; PANPAL; HI-6; Atropine; Obidoxime; Diazepam; Rats; Mice **177**, 179

Radical scavenger; Lipid oxidation; Antioxidant; Colchicine metabolites; Parinaric acid; Etoposide **177**, 107

Rats; 3,3′,4,4′,5-Pentachlorobiphenyl; Mammary gland; Differentiation **177**, 197

Rats; Tabun; Pyridostigmine; PANPAL; HI-6; Atropine; Obidoxime; Diazepam; Mice **177**, 179

Reoxidation of NADH; Ethanol metabolism in vitro; Cyclic ketones **177**, 207

Ribosome-inactivating protein; Trichosanthin; Endocytosis; Cytotoxicity; LDL receptor-related protein/α_2-macroglobulin receptor **177**, 245

Rreactive oxygen species; Methoxyphenol; Phenoxyl radicals **177**, 39

Semicarbazide; 4-Butylamino-5-methyl-*o*-quinone; β-Aminopropionitrile; Aminoacetonitrile; Thiosemicarbazide; *Xenopus* **177**, 267

Semiquinone radical; Estrogen; Antiestrogen; Catechol; *o*-quinone; Phenoxyl radical **177**, 55

Semiquinones; DOPA (3,4-dihydroxyphenylalanine); Dopamine; Catechols; DNA damage; Protein oxidation; Lipid peroxidation **177**, 23

Serotonin; Phenols; Catecholamines; Ascorbic acid; NADH; Oxidative stress **177**, 81

Submitochondrial particle; In vitro; Toxicity; MEIC; Human cell **177**, 131

Succimers; Lead poisoning; Oxidative stress; Antioxidant; Lipoic acid; Chelation; Combined administration **177**, 187

Tabun; Pyridostigmine; PANPAL; HI-6; Atropine; Obidoxime; Diazepam; Rats; Mice **177**, 179

Telemetry; Core temperature; Motor activity; Organophosphate **177**, 215

Thiosemicarbazide; 4-Butylamino-5-methyl-*o*-quinone; β-Aminopropionitrile; Aminoacetonitrile; Semicarbazide; *Xenopus* **177**, 267

Thyroid hormones; Polybrominated diphenyl ethers (PBDEs); Polychlorinated biphenyls (PCBs); Chlorinated paraffins (CPs); Microsomal enzymes **177**, 227

Toxicity; In vitro; Submitochondrial particle; MEIC; Human cell **177**, 131

Trichosanthin; Endocytosis; Cytotoxicity; LDL receptor-related protein/α_2-macroglobulin receptor; Ribosome-inactivating protein **177**, 245

Tyrosyl radical-chemistry; Nitric oxide; Vasodilation **177**, 1

Uncoupled oxidative phosphorylation; *Ginkgo biloba* L.; Alkylphenols; Cytotoxicity; Electron microscopy; Apoptosis; Myelinosomes; Mitochondrial damage **177**, 167

Urinary tract infection; 2,4-Dichlorophenoxyacetic acid; Herbicide; *Escherichia coli*; Virulence factors; Kidney toxicity **177**, 143

Vasodilation; Nitric oxide; Tyrosyl radical-chemistry **177**, 1

Virulence factors; 2,4-Dichlorophenoxyacetic acid; Herbicide; Urinary tract infection; *Escherichia coli*; Kidney toxicity **177**, 143

Vitamin E; Metal working fluid; Oxidative stress; GSH; Lung **177**, 285

Xenopus; 4-Butylamino-5-methyl-*o*-quinone; β-Aminopropionitrile; Aminoacetonitrile; Semicarbazide; Thiosemicarbazide **177**, 267